

Patent
45026.00065.CIP6
(formerly 015110.0065.CIP6)

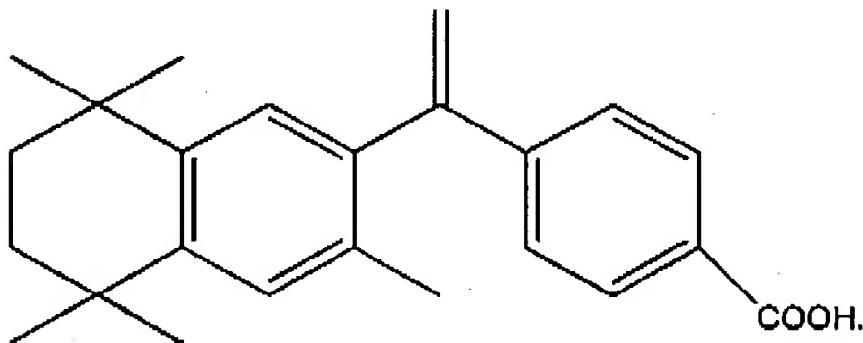
Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application.

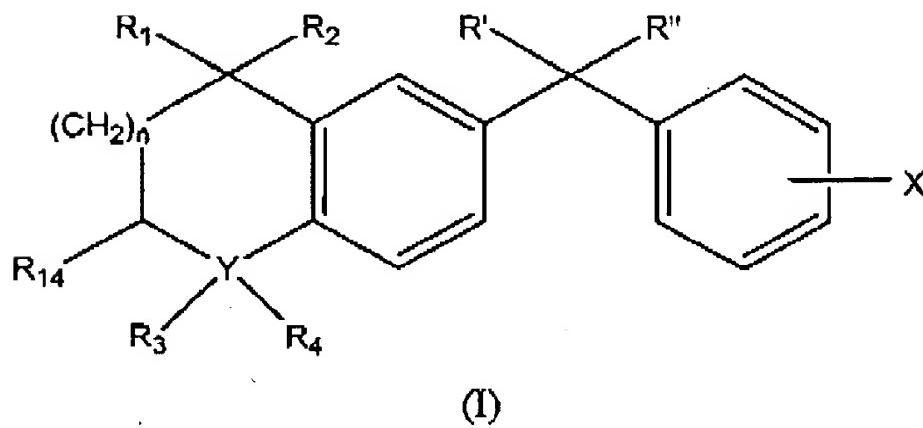
Listing of Claims:

1-69. (cancelled)

70. (previously amended) A compound having the formula:

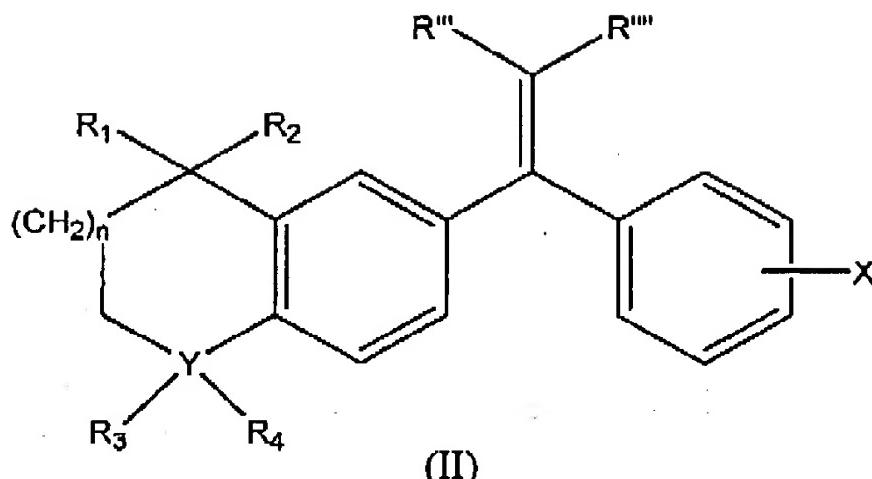


71. (currently amended) A compound represented by formula I or II:



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or



wherein;

R_1 is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R_2 is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein,

if Y is C, then R_3 is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R_4 is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

if Y is N, then R_3 is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R_4 does not exist,

if Y is S, then R_3 does not exist, and R_4 does not exist,

if Y is O, then R_3 does not exist, and R_4 does not exist;

R_{14} is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

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R' is hydrogen or a lower alkyl comprising 1-4 carbon atoms and R'' is a lower alkyl comprising 1-4 carbon atoms, or R' and R'' together form a cyclopropyl group, wherein the cyclopropyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

R''' is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R'''' is a lower alkyl comprising 1-4 carbon atoms, or R''' and R'''' together form a cycloalkyl comprising 3-10 carbon atoms, wherein the cyclopropyl and cycloalkyl groups are optionally substituted with a lower alkyl having 1-4 carbon atoms;

X is COOH and originates from C3, C4, or C5 of the ring; and

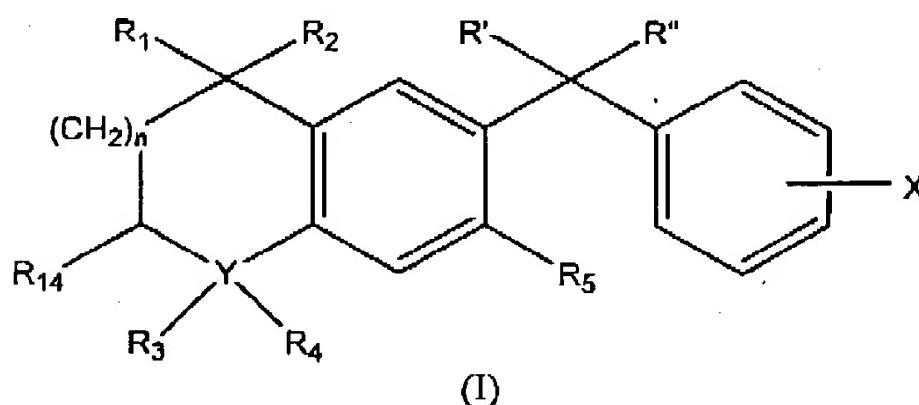
n = 0-1;

or a pharmaceutically acceptable ester, amide or salt thereof.

72. (previously added) The compound of claim 71, wherein R' and R'' taken together form a cyclopropyl.

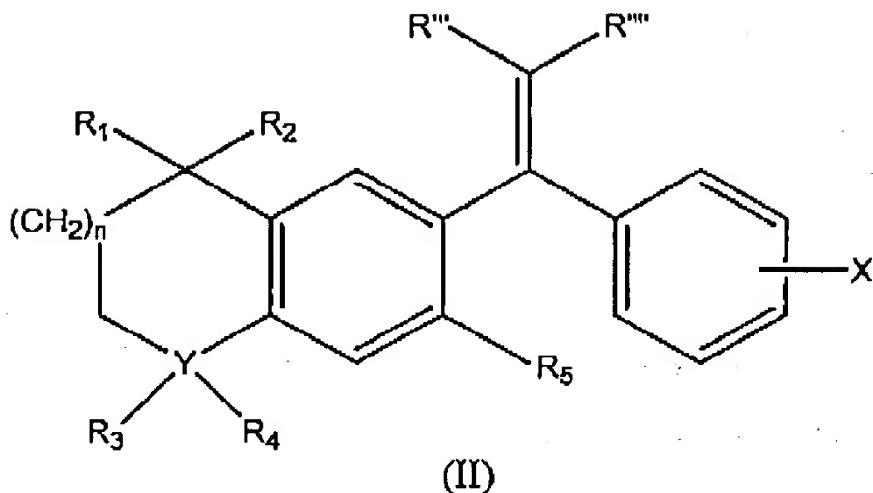
73. (previously added) The compound of claim 71, wherein R''' and R'''' taken together form a cyclopropyl.

74. (previously added) A compound represented by formula I or II:



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or



wherein;

R_1 is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R_2 is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein,

if Y is C, then R_3 is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R_4 is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

if Y is N, then R_3 is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R_4 does not exist,

if Y is S, then R_3 does not exist, and R_4 does not exist,

if Y is O, then R_3 does not exist, and R_4 does not exist;

R_5 is an alkyl comprising 1-4 carbon atoms, or R_5 is OR_7 , wherein R_7 is hydrogen or a lower alkyl comprising 1-6 carbon atoms;

R_{14} is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

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R' is hydrogen and R'' is hydrogen, or R' and R'' together form an oxo (keto), or a methano;

R''' is hydrogen;

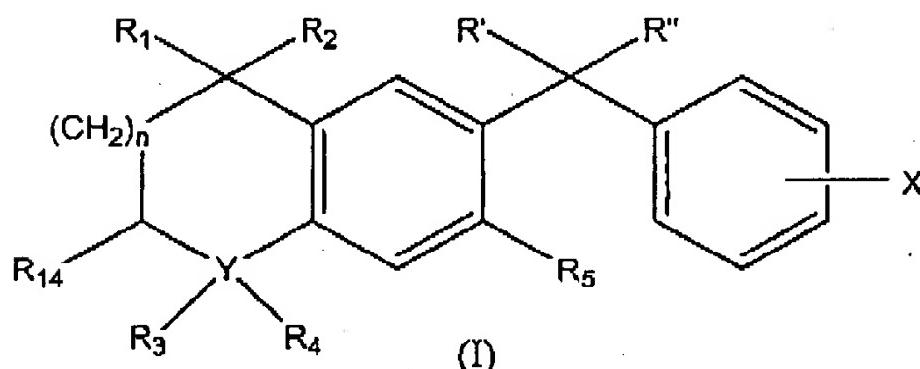
R'''' is hydrogen;

X is COOH and originates from C3, C4, or C5 of the ring; and

n = 0-1; or

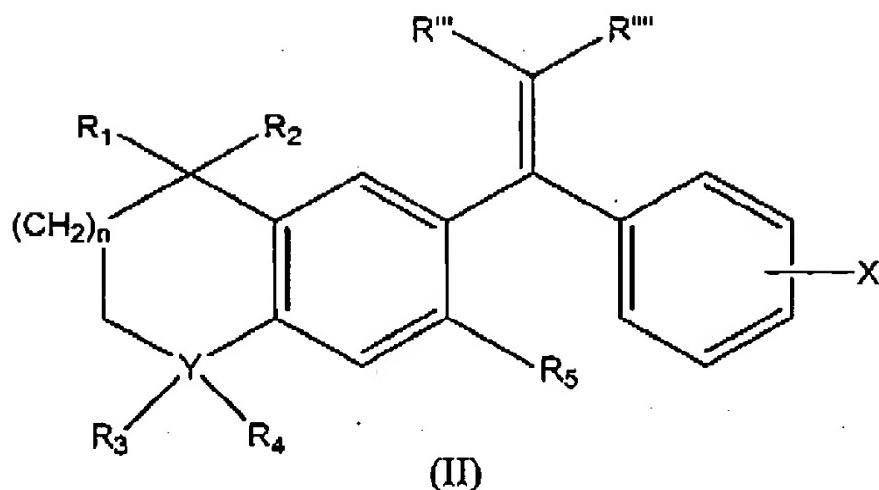
a pharmaceutically acceptable ester, amide or salt thereof.

75. (currently amended) A compound represented by formula I or II:



or

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wherein;

R₁ is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

R₂ is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

Y is C, N, S, or O, wherein,

if Y is C, then R₃ is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R₄ is hydrogen or a lower alkyl comprising 1-4 carbon atoms,

if Y is N, then R₃ is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R₄ does not exist,

if Y is S, then R₃ does not exist, and R₄ does not exist,

if Y is O, then R₃ does not exist, and R₄ does not exist;

R₅ is an alkyl comprising 1-4 carbon atoms, or R₅ is OR₇, wherein R₇ is hydrogen or a lower alkyl comprising 1-6 carbon atoms;

R₁₄ is hydrogen or a lower alkyl comprising 1-4 carbon atoms;

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R' is hydrogen or a lower alkyl comprising 1-4 carbon atoms and R" is a lower alkyl comprising 1-4 carbon atoms, or R' and R" together form a cyclopropyl group, wherein the cyclopropyl group is optionally substituted with a lower alkyl having 1-4 carbon atoms;

R'" is hydrogen or a lower alkyl comprising 1-4 carbon atoms, and R"" is a lower alkyl comprising 1-4 carbon atoms, or R'" and R"" together form a cycloalkyl comprising 3-10 carbon atoms, wherein the cyclopropyl and cycloalkyl groups are is optionally substituted with a lower alkyl having 1-4 carbon atoms;

X is COOH and originates from C3, C4, or C5 of the ring; and

n = 0-1; or

a pharmaceutically acceptable ester, amide or salt thereof.

76. (previously added) The compound of claim 75, wherein R' and R" taken together form a cyclopropyl.

77. (previously added) The compound of claim 75, wherein R'" and R"" taken together form a cyclopropyl group.

78. (previously added) A pharmaceutical composition comprising a compound according to claim 70 and a pharmaceutically acceptable carrier.

79. (previously added) A pharmaceutical composition comprising a compound according to claim 71 and a pharmaceutically acceptable carrier.

80. (previously added) A pharmaceutical composition comprising a compound according to claim 74 and a pharmaceutically acceptable carrier.

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81. (previously added) A pharmaceutical composition comprising a compound according to claim 75 and a pharmaceutically acceptable carrier.